OIP	CONDITION PTO	ORMATION			Docket Number 71369.186 and PFI-010US	Application Number 09/875,318	
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U.S. Patent Documents								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS.	FILING DATE IF APPROPRIATE		
TNT	6,133,434	10/17/2000	Buell et al.	536	23.5			

Foreign Patent Documents								
EXAMINER DOCUMENT DATE COUNTRY CLASS SUBCLASS TRANSLATION								
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L			Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)						
TH		A1	Sikora A et al., "Cutting edge: purinergic signaling regulates radical-mediated bacterial killing mechanisms in macrophages through a P2X7-independent mechanism" J Immunol. 1999 Jul 15;163(2):558-61.						
		A2	Guan Z et al., "Interleukin-1beta-induced cyclooxygenase-2 expression requires activation of both c-Jun NH2-terminal kinase and p38 MAPK signal pathways in rat renal mesangial cells" J Biol Chem. 1998 Oct 30;273(44):28670-6.						
			Bhakdi S et al., "Effects of Escherichia coli hemolysin on human monocytes. Cytocidal action and stimulation of interleukin 1 release" J Clin Invest. 1990 Jun;85(6):1746-53.						
		A4	Humphreys BD and Dubyak GR "Induction of the P2z/P2X7 nucleotide receptor and associated phospholipase D activity by lipopolysaccharide and IFN-gamma in the human THP-1 monocytic cell line" J Immunol. 1996 Dec 15;157(12):5627-37.						
		<b>A</b> 5	Lomedico PT et al., "Cloning and expression of murine interleukin-1 cDNA in Escherichia coli" Nature. 1984 Nov 29-Dec 5;312(5993):458-62.						
		<b>A</b> 6	Bevilacqua MP et al., "Endothelial leukocyte adhesion molecule 1: an inducible receptor for neutrophils related to complement regulatory proteins and lectins" Science. 1989 Mar 3; 243(4895):1160-5.						
		A7	Griffiths RJ et al., "ATP induces the release of IL-1 from LPS-primed cells in vivo" J Immunol. 1995 Mar 15;154(6):2821-8.						
		<b>A8</b>	Miller DK et al., "Purification and characterization of active human interleukin-1 beta- converting enzyme from THP.1 monocytic cells" J Biol Chem. 1993 Aug 25;268(24):18062-9.						
		A9	Allen M et al., "Deficiency of the stress kinase p38alpha results in embryonic lethality: characterization of the kinase dependence of stress responses of enzyme-deficient embryonic stem cells" J Exp Med. 2000 Mar 6;191(5):859-70.						
Laliberte RE et al., "ATP treatment of human monocytes promotes		A10	Laliberte RE et al., "ATP treatment of human monocytes promotes caspase-1 maturation and externalization" J Biol Chem. 1999 Dec 24;274(52):36944-51.						
1		A11	Ferrari D et al., "Extracellular ATP activates transcription factor NF-kappaB through the P2Z purinoreceptor by selectively targeting NF-kappaB p65" J Cell Biol. 1997 Dec 29;139(7): 1635-43.						

thain ton	DATE CONSIDERED 4.25.06
EXAMINER: Initial if citation is considered, whether or not citation if not conformance and not considered. Include copy with a	ion is in conformance with MPEP § 609: Draw Line through next communication to applicant.

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Docket Number 71369.186 and PFI-010US Application Number 09/875,318

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Galac et al.

Sheet 2 OF 3

Filing Date
June 6, 2001

Group Art Unit FBA 1632

	11	B1	Sanz JM and Di Virgilio F "Kinetics and mechanism of ATP-dependent IL-1 beta release from						
		B2	microglial cells" J Immunol. 2000 May 1;164(9):4893-8.  Mutini C et al., "Mouse dendritic cells express the P2X7 purinergic receptor: characterization and possible participation in antigen presentation" J Immunol. 1999 Aug 15;163(4):1958-65.						
		83	Baricordi OR et al., "Increased proliferation rate of lymphoid cells transfected with the P2X(7) ATP receptor" J Biol Chem. 1999 Nov 19;274(47):33206-8.						
	84		Chiozzi P "Spontaneous cell fusion in macrophage cultures expressing high levels of the P2Z/P2X7 receptor" J Cell Biol. 1997 Aug 11;138(3):697-706.						
	<b>B</b> 5		Virginio C et al., "Kinetics of cell lysis, dye uptake and permeability changes in cells expressing the rat P2X7 receptor" J Physiol. 1999 Sep 1;519 Pt 2:335-46.						
		B6	Ferrari D et al., "P2Z purinoreceptor ligation induces activation of caspases with distinct roles in apoptotic and necrotic alterations of cell death" FEBS Lett. 1999 Mar 19;447(1):71-5.						
		B7	Sanz JM and Di Virgilio F "Kinetics and mechanism of ATP-dependent IL-1 beta release from microglial cells" J Immunol. 2000 May 1;164(9):4893-8.						
		B8	Rassendren F et al., "The permeabilizing ATP receptor, P2X7. Cloning and expression of a human cDNA" Biol Chem. 1997 Feb 28;272(9):5482-6.						
	<b>B</b> 9		Collo Get al., "Tissue distribution of the P2X7 receptor" Neuropharmacology. 1997 Sep;36(9):1277-83.						
	B10 B11 B12		Michel AD et al., "Identification and characterization of an endogenous P2X7 (P2Z) receptor in CHO-K1 cells" Br J Pharmacol. 1998 Nov;125(6):1194-201.						
			Steinberg TH et al., "ATP4- permeabilizes the plasma membrane of mouse macrophages to fluorescent dyes" J Biol Chem. 1987 Jun 25;262(18):8884-8.						
			Greenberg S et al., "Extracellular nucleotides mediate Ca2+ fluxes in J774 macrophages by two distinct mechanisms" J Biol Chem. 1988 Jul 25;263(21):10337-43.						
		B13	North RA "Families of ion channels with two hydrophobic segments" Curr Opin Cell Biol. 1996 Aug;8(4):474-83. Review.						
		B14	Di Virgilio F "The P2Z purinoceptor: an intriguing role in immunity, inflammation and cell death" Immunol Today. 1995 Nov;16(11):524-8. Review.						
		B15	Perregaux DG et al., "Tenidap and other anion transport inhibitors disrupt cytolytic T lymphocyte-mediated IL-1 beta post-translational processing" J Immunol. 1996 Jul 1;157(1):57-64.						
		B16	Walter P and Johnson AE "Signal sequence recognition and protein targeting to the endoplasmic reticulum membrane" Annu Rev Cell Biol. 1994;10:87-119. Review.						
		B17	Wiley JS and Dubyak GR" Extracellular adenosine triphosphate increases cation permeability of chronic lymphocytic leukemic lymphocytes" Blood. 1989 Apr;73(5):1316-23.						
		B18	Walev I et al., "Potassium-inhibited processing of IL-1 beta in human monocytes" EMBO J. 1995 Apr 18;14(8):1607-14.						
		B19	Perregaux D et al., "IL-1 beta maturation: evidence that mature cytokine formation can be induced specifically by nigericin" J Immunol. 1992 Aug 15;149(4):1294-303.						
M	1	B20	March CJ et al., "Cloning, sequence and expression of two distinct human interleukin-1 complementary DNAs" Nature. 1985 Jun 20-26;315(6021):641-7.						

EXAMINER	DATE CONSIDERED
thaian ton	4.26.06
EXAMINER: Initial if citation is considered, whether or not cit	ation is in conformance with MPEP & 600: Draw Line through

citation if not conformance and not considered. Include copy with next communication to applicant

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Docket Number 71369.186 and PFI-010US Application Number 09/875,318



Filing Date Grow

Group Art Unit
TBA 1632

Th	I	C1	Thomberry NA et al., "A novel heterodimeric cysteine protease is required for interleukin-1 beta processing in monocytes" Nature. 1992 Apr 30;356(6372):768-74.
		C2	Hogquist KA et al., "Interleukin 1 is processed and released during apoptosis" Proc Natl Acad Sci U S A. 1991 Oct 1;88(19):8485-9.
		СЗ	Foresta C et al., "Mechanism of human sperm activation by extracellular ATP" Am J Physiol. 1996 Jun;270(6 Pt 1):C1709-14.
		C4	Flannery CR et al., "Effects of culture conditions and exposure to catabolic stimulators (IL-1 and retinoic acid) on the expression of matrix metalloproteinases (MMPs) and disintegrin metalloproteinases (ADAMs) by articular cartilage chondrocytes" Matrix Biol. 1999 Jun;18(3):225-37.
		C5	Ayala JM et al., "IL-1 beta-converting enzyme is present in monocytic cells as an inactive 45-kDa precursor" J Immunol. 1994 Sep 15;153(6):2592-9.
		C6	Gray PW et al., "Two interleukin 1 genes in the mouse: cloning and expression of the cDNA for murine interleukin 1 beta" J Immunol. 1986 Dec 1;137(11):3644-8.
		C7	Slack J et al., "Independent binding of interleukin-1 alpha and interleukin-1 beta to type I and type II interleukin-1 receptors" J Biol Chem. 1993 Feb 5;268(4):2513-24.
		С8	Lammas DA et al., "ATP-induced killing of mycobacteria by human macrophages is mediated by purinergic P2Z(P2X7) receptors" Immunity. 1997 Sep;7(3):433-44.
		C9	Mosley B et al., "The interleukin-1 receptor binds the human interleukin-1 alpha precursor but not the interleukin-1 beta precursor" J Biol Chem. 1987 Mar 5;262(7):2941-4.
П		C10	Perregaux D and Gabel CA" Interleukin-1 beta maturation and release in response to ATP and nigericin" J Biol Chem. 1994 May 27;269(21):15195-203.
		C11	Cerretti DP et al., "Molecular cloning of the interleukin-1 beta converting enzyme" Science. 1992 Apr 3;256(5053):97-100.
		C12	McNiff PA et al., "Synovial fluid from rheumatoid arthritis patients contains sufficient levels of IL-1 beta and IL-6 to promote production of serum amyloid A by Hep3B cells" Cytokine. 1995 Feb;7(2):209-19.
		C13	Murgia M et al., "Characterization of the cytotoxic effect of extracellular ATP in J774 mouse macrophages" Biochem J. 1992 Dec 15;288 ( Pt 3):897-901.
1	П	C14	Surprenant A et al., "The cytolytic P2Z receptor for extracellular ATP identified as a P2X receptor (P2X7)" Science. 1996 May 3;272(5262):735-8.
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EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant.